

ARG65484 anti-CD62L / L-Selectin antibody [MEL-14]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [MEL-14] recognizes CD62L / L-Selectin
Tested Reactivity	Ms
Tested Application	CyTOF®-candidate, FACS, FuncSt, ICC/IF, IHC-Fr, IHC-P, IP
Specificity	The clone MEL-14 reacts with mouse CD62L (L-selectin), a 75 kDa single chain type I glycoprotein expressed on most peripheral blood B lymphocytes, T lymphocytes, monocytes and granulocytes; it is also present on a subset of NK cells and certain hematopoietic malignant cells._x000D_
Host	Rat
Clonality	Monoclonal
Clone	MEL-14
Isotype	IgG2a
Target Name	CD62L / L-Selectin
Species	Mouse
Immunogen	C3H/eb mouse B cell lymphoma 38C-13_x000D_
Conjugation	Un-conjugated
Alternate Names	Leukocyte surface antigen Leu-8; Leukocyte adhesion molecule 1; CD antigen CD62L; PLNHR; LSEL; CD62L; Leukocyte-endothelial cell adhesion molecule 1; L-selectin; LAM1; LNHR; TQ1; CD62 antigen-like family member L; gp90-MEL; Lymph node homing receptor; LYAM1; LECAM1; LEU8; LAM-1

Application Instructions

Application table	Application	Dilution
	CyTOF®-candidate	Assay-dependent
	FACS	1 - 4 µg/ml
	FuncSt	Assay-dependent
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
	IP	Assay-dependent

Application Note
Functional studies: Blocking of cell adhesion.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form: Liquid

Purification	Purified by protein A
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 20343 Mouse Swiss-port # P18337 Mouse
Gene Symbol	Sell
Gene Full Name	selectin, lymphocyte
Background	CD62L (L-selectin) is an adhesion glycoprotein that is constitutively expressed on the cell surface of leukocytes and mediates their homing to inflammatory sites and peripheral lymph nodes by enabling rolling along the venular wall. CD62L is also involved in activation-induced neutrophil aggregation. Activation-dependent CD62L shedding, however, counteracts neutrophil rolling. CD62L has also signaling roles including enhance of chemokine receptor expression. Similarly to CD62P, the major ligand of CD62L is PSGL-1 (P-selectin glycoprotein ligand-1). _x000D_
Function	Cell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia (By similarity). [UniProt]
Highlight	Related products: CD62L antibodies ; CD62L ELISA Kits ; Anti-Rat IgG secondary antibodies ; Related news: CyTOF-candidate Antibodies
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	42 kDa